



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

1839-241

Date of Issuance:

12/30/16

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

BTC 1010-750

Name and Address of Registrant (include ZIP Code):

Ye Liu  
Stepan Company  
22 West Frontage Road  
Northfield, IL 60093

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Eric Miederhoff, Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Date:

12/30/16

2. You are required to comply with the data requirements described in the DCI identified below:

a. Chemical DDAC GDCI-069149-30869

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Order listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, "EPA Reg. No. 1839-241."

4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/15/2016
- Alternate CSF 1 dated 11/15/2016
- Alternate CSF 2 dated 11/15/2016
- Alternate CSF 3 dated 11/15/2016

If you have any questions, please contact Karen M. Leavy by phone at (703)-308-6237, or via email at [Leavy.Karen@epa.gov](mailto:Leavy.Karen@epa.gov).

Enclosure

# BTC<sup>®</sup> 1010-750

## FRONT PANEL

### ACTIVE INGREDIENT

Didecyl dimethyl ammonium chloride..... 7.5%

(OTHER)(INERT) INGREDIENTS..... 92.5%

Total..... 100.0%

**KEEP OUT OF REACH OF CHILDREN**

## **DANGER**

### **FIRST AID**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

#### **If in Eyes:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

#### **If on Skin or Clothing:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call poison control center or doctor for treatment advice.

#### **If Inhaled:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

#### **If Swallowed:**

- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything to an unconscious person.

(OPTIONAL): You may contact XXX/XXX-XXX for emergency medical treatment information.

### **NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

See (side) (back) panel for additional precautionary statements.

## FRONT, BACK, OR SIDE PANEL

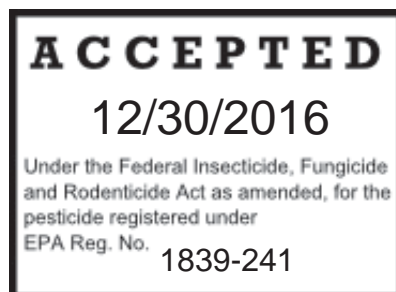
EPA REG. NO. 1839-XXX

EPA EST. NO. 1839-IL-01

### **STEPAN COMPANY**

22 West Frontage Road  
Northfield, IL 60093

NET CONTENTS



Bracketed information is denoted as: { insert as noted }, ( optional text ), [ required qualifier ].

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The term "x" is a place holder for numerical digits.

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## **MARKETING CLAIMS**

This product aids in (controlling) (and)(or) (preventing) microbial contamination in oil and gas field operations.

This product can be added in slug, continuous or intermittent treatment protocols to treat the fluids used in the aid of (oil and gas production), (storage tanks), (and) (transmission pipelines).

This product can be (used for)(used to treat)(is for use in/on):

**OR**

This product is designed to control algae and bacterial slimes (in)(on)(for):

Oilfield production

Oilfield wastewater

Oilfield injection (and wastewater)

Gas/oil recovery injection water systems

Oilfield water flood

Gas production fracturing fluids

Fracturing fluids Gas production (and transmission)(pipelines)(pipeline systems)

Gas storage wells (and systems)

Industrial and/or commercial recirculating cooling water towers

Water cooling systems

Recirculating cooling towers

Hydrotesting

Drilling muds

Packer fluids

Drilling, completion, and workover fluids systems

Gas/oil pipeline/system maintenance

## **DIRECTIONS FOR USE**

### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### **DRILLING, COMPLETION, FRACTURING AND WORKOVER FLUIDS**

To control slime forming and sulfate reducing bacteria (*Desulfovibrio desulfuricans*), (this product)(product name) must be added to a drilling fluid system at a point of uniform mixing such as the recirculating mud tank.

**Initial Slug Treatment:** Add 1000-5000 ppm of (this product or product name) 128-640 ounces per 1000 gallons of fluid (96-469.5 gallons per 3000 barrels of fluid) (75-375 ppm active quaternary) to a freshly produced fluid dependent on the severity of the contamination.

**Maintenance Dose:** Maintain a concentration of 1000-5000 ppm of (this product or product name) by adding (128-640 ounces per 1000 gallons of fluid) (96-469.5 gallons per 3000 barrels of fluid) (75-375 ppm active quaternary) to freshly produced fluid, or as needed, depending on the severity of contamination.

#### **GAS/OIL RECOVERY INJECTION OR FLOOD WATER SYSTEMS**

To control slime forming and sulfate reducing bacteria (*Desulfovibrio desulfuricans*) (this product)(product name) must be added to an injection water system at a point of uniform mixing.

**Initial Treatment:** When the system is noticeably contaminated, add (333-5000 ppm of product) (25-375 ppm active quaternary) (69.5-1025.5 ounces per 1000 gallons of flood water) of (this product or product name). Repeat until control is achieved.

**Continuous Dose:** Add (43-640 ounces per 1000 gallons of water)(32-469.5 gallons per 3000 barrels of water)(25-375 ppm active quaternary). Levels for effective control will vary depending on conditions at the site.

**Intermittent Dose:** Add 667-5000 ppm of (this product or product name) (85.5-640 ounces per 1000 gallons of water) (64-469.5 gallons per 3000 barrels of water) (50-375 ppm active quaternary) for 4-8 hours per day, 1-4 times per week as needed to maintain control.

## PACKER FLUIDS

(This product)(product name) must be added to a packer fluid at a point of uniform mixing like the recirculating holding tank. Treat fluid at 1000-5000 ppm of (this product or product name) by adding (128-640 ounces per 1000 gallons of fluid) (96-469.5 gallons per 3000 barrels of fluid) (75-375 ppm active quaternary) to freshly produced fluid depending on the severity of contamination. Seal the packer fluid in the wall between the casing and the production tube.

## GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS

(This product)(product name) must be added at 43-640 ounces per 1000 gallons of water (25-375 ppm active quaternary) via direct injection to a gas production or transmission pipeline to maintain 333-5000 ppm of product. The application should be conducted to ensure maximum distribution of (this product or product name) through the entire internal surface of the pipeline. Injections must be done on a weekly basis at a minimum, or more frequently as needed to maintain control.

## GAS STORAGE WELLS AND SYSTEMS

Individual injection wells must be treated with a sufficient quantity of (this product or product name) by adding 384-1152.5 ounces per 1000 gallons of water (225-675 ppm active quaternary) to produce a concentration of 3000-9000 ppm product when diluted by the water present in the formation. Repeat treatment as needed.

## HYDROTESTING

This product (product name) can be added to water used to hydrotest pipelines or vessels at 86.5 - 1000 ppm active quaternary depending on the water quality and length of time the equipment will remain idle.

## INDUSTRIAL WATER TREATMENT

When (this product)(product name) is used as directed, it will aid in controlling and/or preventing the development of unsanitary slime conditions that are unsightly, produce foul odors, and which are often the cause of equipment breakdown. This product is compatible with virtually all corrosion inhibition additives, but must not be used in the presence of soap or other anionic detergents. This product at use dilution (8 to 12 ppm active quaternary) is non-corrosive to inanimate hard surfaces.

## RECIRCULATING COOLING TOWERS

**Initial Dose:** add 40 ounces of (this product)(product name) per 1000 gallons of water contained in the system to provide a concentration of 23.5 ppm active quaternary. Repeat every 7 days or sooner when visible growth appears.

**Periodic Dose:** add 13.5-20 ounces of (this product)(product name) per 1000 gallons of water contained in the system (8 to 12 ppm active quaternary) every 7 days or sooner when visible growth appears. For best results, clean heavily contaminated systems before treatment with this product. If soap or anionic detergent is used, rinse thoroughly before charging with this product. Apply (this product)(product name) at a point in the system where uniform mixing will take place.

Do not be alarmed with the sudden appearance of organic debris in the system during the first week of operation. This is normal and is a good indication that this product has effectively penetrated and dislodged dead organic material which tenaciously adheres to metal and wooden surfaces as living matter. This debris must be removed from the system to avoid clogging of screens and pipes.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. May be fatal if inhaled. Do not breathe vapor or spray mist. Harmful if swallowed or absorbed through the skin. Wear goggles, or face shield and rubber gloves when handling. Wear coveralls over long-sleeved shirt and long pants, socks, chemical resistant footwear and chemical resistant gloves. Wear a mask or pesticide respirator approved by the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

(Note: If container size is 5 gallons or greater, the following Environmental Hazards statement must be used.)

## ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## STORAGE AND DISPOSAL

Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the other container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

Non-refillable container. Do not reuse or refill this container. Wrap and put in trash or offer for recycling if available.

(Batch Code: Can be placed on container or label)

**SPILL OR LEAK PROCEDURES** – Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained; the material then moved into containers and disposed of by approved methods for hazardous wastes.

(for use on non-refillable containers with institutional/commercial/industrial public health uses)

## STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

**PESTICIDE STORAGE** - Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**PESTICIDE DISPOSAL** - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

<b>CONTAINER DISPOSAL - (mandatory language - choose applicable directions)</b>	
<i>General container disposal directions</i>	Nonrefillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides (rinsate). Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities.
<i>For plastic bag in box containers</i>	Nonrefillable bag. Do not reuse or refill empty bag. Empty bag completely into application equipment. Then dispose of empty bag in sanitary landfill or by incineration if allowed by state and local authorities. If incinerated, stay out of smoke.

(for use on non-refillable containers with institutional/commercial/industrial uses continued)

<b>RESIDUE REMOVAL INSTRUCTIONS - (mandatory language - choose applicable directions)</b>	
<i>For containers less than 5 gallons</i>	Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and recap. Shake 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times.
<i>For containers more than 5 gallons</i>	Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container ¼ full with water. Tip container on its side and roll it back and forth, ensuring at least on complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times.

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Submitted 12/27/2016  
EPA Reg. No. 1839-EUR

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